

CLAIMS

What is claimed is:

- 1 1. A system for mounting a component to an instrument body comprising:
 - 2 a component having a stud aperture at each end of the component; and
 - 3 a mounting device comprising a top portion and a threaded lower portion, the
 - 4 threaded lower portion being positioned in the stud aperture, where the mounting device
 - 5 holds the component in position between the top portion of the mounting device and a
 - 6 plate of an insert mounted into the instrument body.
- 1 2. The system of claim 1 wherein the insert further comprises an aperture portion
2 configured to accept the threaded lower portion of the mounting device.
- 1 3. The system of claim 1 wherein the insert further comprises a bottom portion
2 configured to allowing the insert to be disposed within the instrument body.
- 1 4. The system of claim 3 wherein the bottom portion is threaded, the threaded bottom
2 portion allowing the insert to be adjustably coupled to the instrument body.
- 1 5. The system of claim 1 wherein the component is a combination bridge and tailpiece
2 of an instrument.
- 1 6. The system of claim 1 wherein the component is a bridge of an instrument.
- 1 7. The system of claim 1 wherein the component is a tailpiece of an instrument.
- 1 8. The system of claim 1 wherein the component further comprises an adjustment
2 screw hole at each end of the component, the adjustment screw hole extending from one
3 side of the component to each stud aperture.

1 9. The system of claim 8 further comprising an adjustment screw, the adjustment
2 screw being positioned in the adjustment screw hole to laterally position the component
3 relative to the insert and the mounting stud.

1 10. The system of claim 1 wherein the stud aperture comprises a slot extending to one
2 side of the component.

1 11. The system of claim 1 wherein the plate is square-shaped in order to accept a
2 wrench.

1 12. A method for mounting a component having stud apertures to an instrument body
2 comprising:

3 positioning the component such that each stud aperture is aligned with a plate of an
4 insert; and

5 clamping the component in place between the plate and a mounting device.

1 13. The method of claim 12 further comprising mounting the insert having the plate
2 into an aperture of the instrument body.

1 14. The method of claim 12 wherein the clamping further comprises fastening the
2 mounting device into an aperture portion of the insert.

1 15. The method of claim 12 further comprising adjusting the insert relative to the
2 instrument body to adjust the height of the component relative to the instrument body.

1 16. The method of claim 12 further comprising laterally adjusting the component by
2 rotating an adjustment screw into or out of an adjustment screw hole.

1 17. A mounting apparatus for mounting a component to an instrument body
2 comprising:
3 an insert having a plate and an aperture portion; and
4 means for clamping the component in position between the plate and a mounting
5 device.

1 18. The system of claim 17 wherein the mounting device further comprises a threaded
2 lower portion, the threaded lower portion configured to be fastened into the aperture
3 portion of the insert.

1 19. The system of claim 17 wherein the insert further comprises a bottom portion, the
2 bottom portion allowing the insert to be adjustably coupled to the instrument body.